

**ABSTRACT OF THE DISCLOSURE**

The present invention relates to a stator for a rotating electric machine, comprising a stator, with a stator core and a winding, and a rotor, wherein said stator core is provided with stator teeth extending radially inwards, towards said rotor, characterized in that each stator tooth is configured as a number of tooth sections joined axially into a stator tooth plank and that a number of stator tooth planks are fitted together side by side thus forming a section of a stator core or a complete stator core. The invention also relates to a corresponding method for use in the manufacturing of a stator, and a rotating electric machine including such a stator.